DOCTOR OF ENGINEERING IN THE FIELD OF CYBERSECURITY ANALYTICS (STEM, ONLINE)

The doctor of engineering in the field of cybersecurity analytics program addresses the growing widespread need for practitioners who can learn advanced cybersecurity concepts and their applications.

This is a STEM designated program.

REQUIREMENTS

The following requirements must be fulfilled: 48 credits, including 24 credits in required courses and 24 credits in Praxis research.

Code	Title	Credits

Note: Throughout the program, students must take required courses in lockstep with the cohort of students with which they matriculated.

Required		
Coursework phase: 24 credits		
CSCI 6015	Cyber Forensics	
SEAS 8400	Challenges in Cybersecurity	
SEAS 8405	Cybersecurity Architectures	
SEAS 8410	Security Data Visualization and Analysis	
SEAS 8414	Analytical Tools for Cyber Analytics	
SEAS 8415	Applied Cryptography and Data Protection	
SEAS 8416	Python Tools for Cybersecurity	
SEAS 8499	Praxis Development for Cybersecurity Analytics	
Praxis		
Research phase: 24 credits		
SEAS 8188	Praxis Research for Doctor of Engineering in Cyber Analytics (taken for a total of 24 credits)	